

# Broadband Updates

## *Presentation to SIEC*

Michael Britt, PSIC Office

June 21, 2011



Public Safety Interoperable  
Communications Office



# Agenda



- APCO / NPSTC Meetings
- Legislation Updates
- White House Briefing
- Arizona Waivers



- Broadband Summit & Expo Meeting – May 16-18
  - <http://broadbandsummit.apcointl.org/agenda.html>
- Congressional Panel: Moderator: Laura Waxman (USCM); Senate Commerce Committee, Senate Homeland Security Committee, Communications and Technology Subcommittee, and House Energy and Commerce Committee
  - Public Safety Broadband Corporation: draft proposes 4-Federal members (Sec. Commerce, Sec. Homeland Security; Attorney General; Director OMB); 11-Non-Federal members (minimum of 3 public safety and 3 state, local or tribal representatives; vendors allowed); 3-year terms.
  - Secondary responders: Need to partner with second responders, utilities and private carriers to accomplish and maximize the capabilities. The proposed bill does contemplate secondary use of the network. Agree based on additional revenue and spectrum efficiency.



- Federal Panel: Moderator: Terrell McSweeney (Domestic Policy Advisor to the Vice President); Director Community Oriented Policing Services (COPS), Program Manager for Public Safety Communications Research, Assistant Secretary for Cybersecurity and Communications for the Department of Homeland Security
  - Q: Paul Kirby (TR Daily) - how many vendors is NIST working with? Derek (NIST) ... have 23 signed CRADAs (NDAs) with industry and an additional 11 in queue. Alcatel-Lucent (ALU) is operational now and Motorola has delivered equipment. Several other vendors preparing equipment.
  - Q: Andy Seybold - carriers don't want talkaround - how will you make it happen? Derek (NIST) ... that's one reason public safety would have its own network, so that there is talkaround - even if carriers don't want it.
- Other Sessions on: Early Deployment; Broadband Spectrum Needs; LTE 101; Network Partnership Options; Cyber Security; Credentialing.



- Predominately focused on Canadian Border Interoperability
- Public Safety Spectrum Trust (PSST) – Harlin McEwen
  - <http://www.npstc.org/archivedMeetings.jsp> - Provides Interesting History
- Federal Communications Commission (FCC)
  - David Furth, Deputy Chief, Public Safety Homeland Security Bureau
  - Jennifer Manner, Deputy Chief, Public Safety Homeland Security Bureau
  - Roberto Mussenden, Advisor, Policy and Licensing Division, Public Safety Homeland Security Bureau
  - Brian Marengo, Electronics Engineer, Policy and Licensing Division, Public Safety Homeland Security Bureau
    - » The FCC's Fourth Notice of Proposed Rule Making – LTE Broadband
    - » 700 MHz – 12 MHz of Narrowband spectrum available for use
    - » Narrowbanding – outreach efforts continuing

# Legislative Updates



- During our last SIEC broadband update there were 4 separate bills in progress. The focus has now shifted to one bill co-sponsored by Rockefeller and Hutchison: S.911 – *Strengthening Public-safety and Enhancing Communications Through Reform, Utilization, and Modernization Act*
- Key Features of S.911:
  - *Allocates D-block to Public Safety.*
  - *Formation of a non-profit, non-governmental Public Safety Broadband Corporation responsible for the build out and maintenance of the national Network and working with the Local Jurisdictions to define boundaries, roles and responsibilities.*
  - *Auction of reclaimed radio/TV frequency to raise \$28B with \$18B going toward the network and \$10B toward deficit reduction.*

# Legislative Updates



- June 8<sup>th</sup> – S.911 approved by the Commerce Committee (21-4) and now moves to the full Senate.
- S.911 Strongly endorsed by over 50 associations / agencies / vendors:
  - Public Safety Alliance
  - National Governors Association
  - National Association of Counties
  - National League of Cities
  - United States Conference of Mayors

See <http://www.psafirst.org/> for a complete list

# White House Briefing



- June 15<sup>th</sup> – PSST/OAC members including Wilfredo Miranda, Mesa and Michael Britt, PSIC Office met to prepare for and brief White House Staff.
- The key discussion points were mainly around the mechanics of the Network buildout.
- Met with Philip Weiser, Senior Advisor to the Economic Council, Terrell McSweeney, Domestic Policy Advisor to the Vice President and Chris Essid, Director of the Office of Emergency Communications:
  - There was substantive discussion on all points raised.
  - A procedure was established for surfacing Federal agency conflicts while building out the Network with the White House (to enable resolution).



# White House Briefing



- June 16<sup>th</sup> – White House briefing attended by waiver recipients and various members of the White House, Departments of Commerce, Homeland Security, Justice, etc.
- Vice President Joe Biden; John Brennan, Assistant to the President for Homeland Security and Counterterrorism; Attorney General Eric Holder; Department of Homeland Security Secretary Janet Napolitano; Federal Communications Commission Julius Genachowski; Governor Martin O'Malley, Maryland with Senator Jay Rockefeller (D-WV) in the audience.
- Plus 2 panels:
  - **Advancing the Public Safety Mission** – with references to the 911 Commission's recommendation for a Public Safety Network
  - **The Technology Opportunity: Building a Cost-Effective Next Generation System** – indicating a heavy reliance on the PSCR (Boulder) for requirements gathering and specifications review.

# AZ Waiver Recipients' Status



- Mesa – TOPAZ
  - RFPs received Dec 30
  - Review completed
  - Top contenders were asked for “best and final” bids
  - Vendor recommendation is on hold pending the status of the National Plan
- Tucson
  - Waiver request is in
  - Further action is awaiting funding
- Yuma is beginning talks with Motorola on a possible LTE demo

# AZ Waiver Request



- Currently Arizona has an approved waiver request for Mesa TOPAZ and a pending request for Tucson.
- Our representation at the PSST–OAC weekly meetings and the working relationships with the FCC/PSCR are through Mesa-TOPAZ (many thanks to Dale Shaw and John Minick)
- We believe that the PSIC Office should apply for a waiver at the State level with the support of the SIEC/PSCC, so that we can be better prepared to assure interoperability among AZ State, local and tribal jurisdictions (and connections with other states) and to develop consistent procedures for user set-up and priority.

# AZ Waiver Request



- What a waiver request would require:
  - Develop the waiver request and consult with a knowledgeable FCC lawyer prior to submitting the request.
  - When and if approved an FCC license fee of \$15,000 would be required within 60 days of approval.
- This would allow any agency within the State authorization to utilize the 700 MHz Broadband spectrum under the current FCC regulations.
- This would position Arizona to be ready for grant opportunities



Questions  
Discussion

Thank you!

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